

TREATMENT OF ETHANOLAMINE-CONTAINING WASTE DILUTE HYDROCHLORIC ACID

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Abstract

PROBLEM TO BE SOLVED: To conveniently and inexpensively treat ethanolamine-contg. waste dil. hydrochloric acid discharged from the condensing stage, etc., of a power plant.

SOLUTION: An ethanolamine-contg. waste dil. hydrochloric acid is subjected to diaphragm-free electrolysis in a feebly acidic medium to remove the ethanolamine. The feebly acidic medium is controlled to pH5-7, and the electrolysis is continuously conducted by circulating the waste dil. hydrochloric acid to the diaphragm-free electrolytic cell.

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